











UTNIZONE 10 NAD 27





## Treatments:

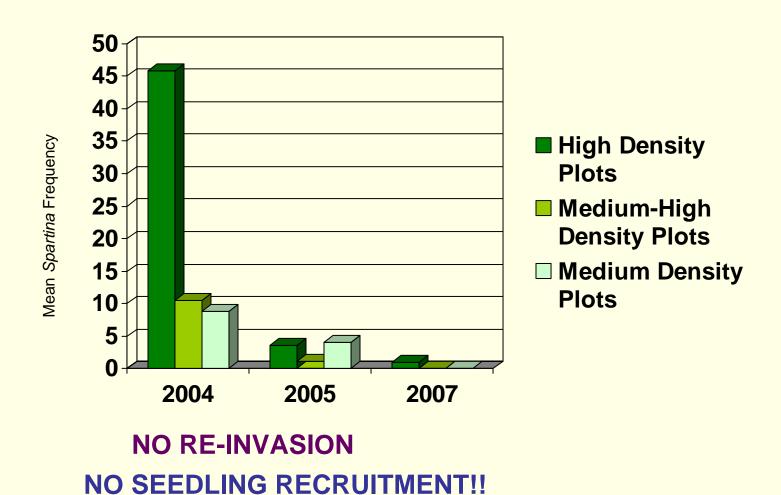
High Density Plots: Mowed August 2004 to ground level, quarterly retreatment (Oct - Dec) during winter; monthly during Spring-Summer 2005, Remaining plants dug Dec. 2005. Maximum total treatments = 12

Medium High Density Plots: Spot-mowed August 2004 to ground level, scattered plants to height of surrounding vegetation. Quarterly (winter) then monthly (springsummer 2005) retreatment to height of surrounding vegetation. Maximum total treatments = 12.

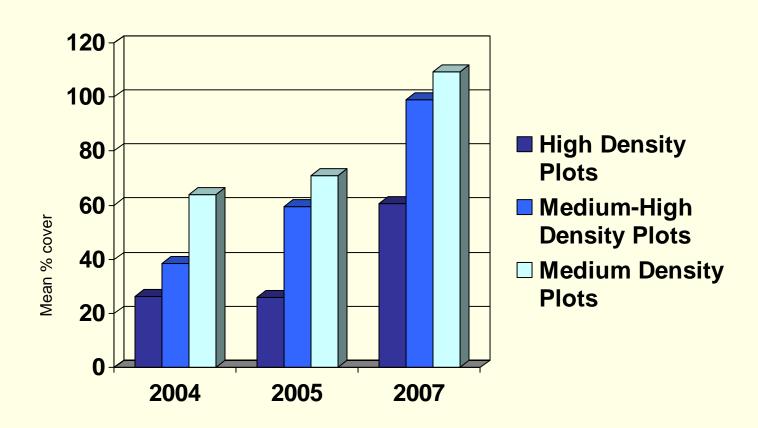
Medium Density Plots: Spot Mowed to ground level October 2004. Quarterly (winter) then monthly (spring-summer) mowing to height of surrounding vegetation. Remaining plants dug Dec. 2005. Maxiumum total treatments = 12.

Medium-Low Density and Low-Density Plots: Dug

## Changes in frequency of *Spartina* in mowed plots



## Changes in % cover of native species in mowed plots

























































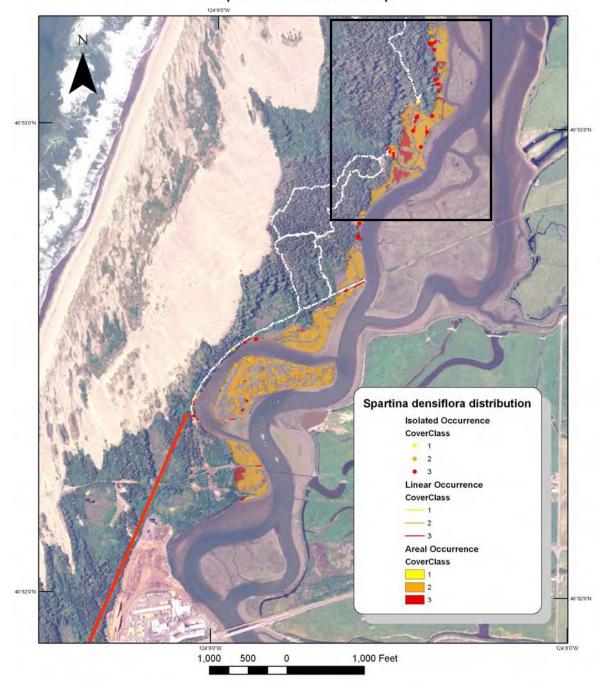








## Spartina Control Map























## **CORRELATIONS APRIL 2007**

	Bare mud	Algal mats	Wrack	Salt grass	Jaumea	Pickle- weed
Spartina seedlings	+.2	+.7	1	6	2	2
Spartina resprouts	+.2	+.3	1	2	0	0
Salt grass	2	6	3		0	0
Jaumea	0	2	0	0		0
Pickleweed	0	3	2	0	0	

	Bare mud	Algal mats
Spartina seedlings	+.2	+.7
Spartina resprouts	+.2	+.3

Spartina seedlings AND resprouts were positively correlated with bare mud, seedlings enhanced by algal mats, no relationship with wrack.

	Salt grass	Jaumea	Pickle- weed
Spartina seedlings	6	2	2
Spartina resprouts	2	0	0

Spartina seedlings (and to lesser extent resprouts) were negatively correlated with native plants, especially salt grass.

	Bare mud	Algal mats	Wrack
Salt grass	2	6	3
Jaumea	0	2	0
Pickleweed	0	3	2

Native plants (especially salt grass) were negatively correlated with bare mud, algal mats, and wrack.











## Change in cover of *Spartina* and Native Species between March 2007 and December 2007

